

## Short-term and small-scale variability in planktic foraminifera test flux in the Bay of Biscay

Submitted by Emmanuel Lemoine on Tue, 09/16/2014 - 11:50

Titre	Short-term and small-scale variability in planktic foraminifera test flux in the Bay of Biscay
Type de publication	Article de revue
Auteur	Siccha, Michael [1], Schiebel, Ralf [2], Schmidt, Sabine [3], Howa, Hélène [4]
Editeur	Elsevier
Type	Article scientifique dans une revue à comité de lecture
Année	2012
Langue	Anglais
Date	2012
Pagination	146 - 156
Volume	64
Titre de la revue	Deep Sea Research Part I: Oceanographic Research Papers
ISSN	0967-0637
Mots-clés	Drifting [5], sediment [6], traps [7]
Résumé en anglais	<p>Test fluxes of planktic foraminifera in the Bay of Biscay were sampled in spring using drifting sediment traps deployed at 200 m depth. At a temporal and spatial resolution of 3 h and approximately 1 km the foraminifer flux varied with a factor of 5. The consecutive deployments within the same area, at distances of ~50 km differed significantly in flux and relative species abundances. Flux sequences of the total foraminifer assemblage and individual species were significantly autocorrelated. The significance of autocorrelation analyses was affected by sample size of the flux sequences and limited to flux sequences with large fluxes. Autocorrelation in planktic foraminifer fluxes and standing stocks was restricted to distances &lt;2 km, and were not attributed to the temporal domain.</p>
URL de la notice	<a href="http://okina.univ-angers.fr/publications/ua3910">http://okina.univ-angers.fr/publications/ua3910</a> [8]
DOI	10.1016/j.dsr.2012.02.004 [9]
Lien vers le document	<a href="http://dx.doi.org/10.1016/j.dsr.2012.02.004">http://dx.doi.org/10.1016/j.dsr.2012.02.004</a> [9]

---

### Liens

[1] [http://okina.univ-angers.fr/publications?f\[author\]=6641](http://okina.univ-angers.fr/publications?f[author]=6641)

[2] <http://okina.univ-angers.fr/ralf.schiebel/publications>

[3] [http://okina.univ-angers.fr/publications?f\[author\]=6277](http://okina.univ-angers.fr/publications?f[author]=6277)

[4] <http://okina.univ-angers.fr/he.ho/publications>

[5] [http://okina.univ-angers.fr/publications?f\[keyword\]=8233](http://okina.univ-angers.fr/publications?f[keyword]=8233)

[6] [http://okina.univ-angers.fr/publications?f\[keyword\]=8196](http://okina.univ-angers.fr/publications?f[keyword]=8196)

[7] [http://okina.univ-angers.fr/publications?f\[keyword\]=8234](http://okina.univ-angers.fr/publications?f[keyword]=8234)

[8] <http://okina.univ-angers.fr/publications/ua3910>

[9] <http://dx.doi.org/10.1016/j.dsr.2012.02.004>

Publié sur *Okina* (<http://okina.univ-angers.fr>)